



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

RBT18520-7
Job Sheet 171734



Part No: RBT18520-7

Job Qty: ~~2 ea~~ 6

Part Name: Pivot Bar Weldment



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 2/8/18

Job Tracking No:

Due Date: 2/23/18

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG RBT18520-7 REV:11 IPP REV A 18.02.06 NEW ISSUE RQ VERIFIED BY DP

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	2 Ea		2/22/18	0.00	0.00	Start Up Large Fab-7		EL
100	Large Fab	2 pcs		2/23/18	0.08	0.33	Large Fab 8		EL
110	QC	2 pcs		2/23/18	0.00	0.00	QC9		PD 13-3-23
130	Outsource	2 pcs		2/23/18	0.00	0.00	Outsource12	PO039417	CT 18-3-23
140	Packaging	2 pcs		2/23/18	0.00	0.00	Packaging2		APR 18/17
150	QC	2 pcs		2/23/18	0.00	0.00	QC6		11 MAR 28 2018
160	Packaging	2 pcs		2/23/18	0.00	0.00	Packaging3-2		9-89
170	QC21-SA	2 Ea		2/23/18	0.00	0.00	QC21		GA 145

Part Op 100 - WELDING

Descriptions: 130 - Issue P/O to Groupe Altech; PO _____ -Black oxide finish, MIL-C-13924C Class 1 -Certificate of

Conformity is required

140 - Receive

160 - IDENTIFY AND STOCK

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
RBT18520-7A	Pivot Bar	2 Ea (1 ea)	90-Start up Operation	
RBT18520-8	Tube	2 Ea (1 ea)	90-Start up Operation	

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	RBT18520-7A	2	0	0
	RBT18520-8	2	0	0

Part Specifications

Specifications could not be found.

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION		AGAINST DEPARTMENT/PROCESS			
	Rework ☐	Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	
	Scrap ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	
	Use-as-is ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	
	Suspected Unapproved ☐	Large Fab ☐	Composite ☐	Supplier ☐		

Date : _____ Step #: _____ QTY Effective : _____ MPR (OS102) _____

Description Work Order Deviation	Disposition

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Date: 03/21/18

Root Cause		FAULT CATEGORY	
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐
Design ☐	Operator ☐	Bending ☐	Set-up ☐
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐
Past Expiry Date ☐	Manufacturing Process ☐		
Misidentified ☐	Past Due ☐	OTHER : _____	



Container No: S053641



Part: RBT18520-7

Job No: 171734

Serial No/Batch: S053641

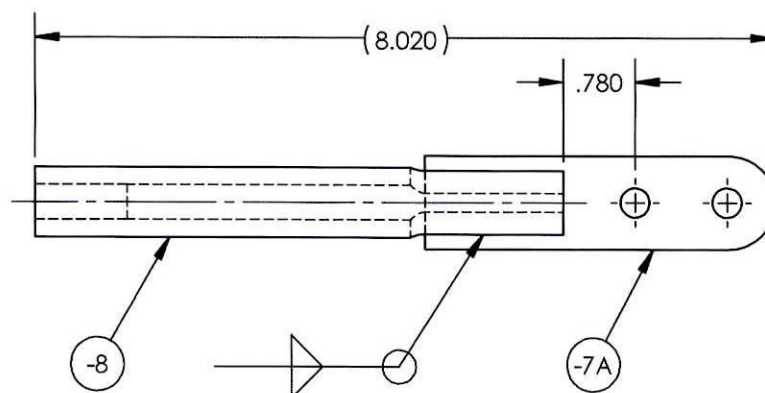
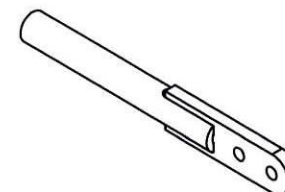
Revision: 11

Inspector:

☐	Part Lost/Missing
☐	Part Moved
☐	Drawing
☐	Finish
☐	Misread
☐	Turning Sequence

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
10		-7 DELETED SAND TO FIT CALLOUT.	8/4/2016	DPD	JAG



(-7)

PIVOT BAR WELDMENT

DART AEROSPACE	
TITLE ROTOR DAMPER TEST DEVICE	
DWG NO. RBT18520-7	REV 11
MAT'L HEAT TREAT FINISH BLACK OXIDE SPEC QMSI-6.2.2 REV D	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .010 FRACTIONS ± 1/8 .XX ± .03 ANGLES ± 1° .X ± .1 SURFACES = 125/✓
DRAWN BY: COLE	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: MACKOVJAK	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: LINDSAY	USED ON MODEL
APPROVED: GILBERT	
SCALE 1:2	DATE 8/17/2000 SHEET 6 OF 17



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER **PO039417**

Supplier: GRO002-VC
Group Altech
2455 Halpern
St Laurent
QC
H4S 1N9 Canada
Phone: 514-335-3666
Fax: 514-335-3868

PO No: PO039417
PO Date: 3/23/18
Due Date: 4/3/18
Purchase Order
Revision:
Revision Date:
Ship-To Contact: Tsimiklis, ChrisoulaPhone:

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Via: Ground
Pynt Terms: Net 30
Freight Terms:
Special Comments:

Items

Line Item	Job	Part	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	171481	RBE703A94-1130-01-25	Tab Adjuster Handle -Issue P/O to ATG: -ANODIZE COLOR CLEAR, PER IAW MIL-A-8625F TYPE 2 CLASS 1 Water Seal - Certificate of Conformity is required	Firmed	4/3/18	6 pcs	0 pcs	6 pcs	\$6.00/pcs	\$36.00
2	171483	RBE703A94-1130-01-29	Tab Adjuster Clamp : URF 17-623 -Issue P/O to ATG: -ANODIZE COLOR CLEAR, PER IAW MIL-A-8625F TYPE 2 CLASS 1 - Certificate of Conformity is required	Firmed	4/3/18	6 pcs	0 pcs	6 pcs	\$6.00/pcs	\$36.00
3	171604	RBW6405G06131-3G-1	Reaction Weldment -Issue P/O to ATG: -ANODIZE COLOR CLEAR, PER IAW MIL-A-8625F TYPE 2 CLASS 1, Water sealant -Certificate of Conformity is required	Firmed	4/3/18	2 pcs	0 pcs	2 pcs	\$6.00/pcs	\$12.00
4	170608	RBE350A94-2706-00-09	Pin -Issue P/O to Groupe Altech; PO -Black oxide finish, MIL-C-13924C Class 1 -Certificate of Conformity is required	Firmed	4/3/18	6 pcs	0 pcs	6 pcs	\$1.55844156/pcs	\$9.35

Items										
Line Item	Job	Part	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
5	170604	RBE350A94-2706-00-05	Pin -Issue P/O to Groupe Altech; PO -Black oxide finish, MIL-C-13924C Class 1 -Certificate of Conformity is required	Firmed	4/3/18	6 pcs	0 pcs	6 pcs	\$1.55844156/pcs	\$9.35
6	170606	RBE350A94-2706-00-07	Pin -Issue P/O to Groupe Altech; PO -Black oxide finish, MIL-C-13924C Class 1 -Certificate of Conformity is required	Firmed	4/3/18	6 pcs	0 pcs	6 pcs	\$1.55844156/pcs	\$9.35
7	170602	RBE350A94-2706-00-03	Pin -Issue P/O to Groupe Altech; PO -Black oxide finish, MIL-C-13924C Class 1 -Certificate of Conformity is required	Firmed	4/3/18	12 pcs	0 pcs	12 pcs	\$1.55844156/pcs	\$18.70
8	170600	RBE350A94-2706-00-01	Pin -Issue P/O to Groupe Altech; PO -Black oxide finish, MIL-C-13924C Class 1 -Certificate of Conformity is required	Firmed	4/3/18	24 pcs	0 pcs	24 pcs	\$1.55844156/pcs	\$37.40
9	171469	RBE703A94-1130-01-11	Angle Indicator -Issue P/O to ATG: -ANODIZE COLOR CLEAR, PER IAW MIL-A-8625F TYPE 2 CLASS 1 WATER SEALANT - Certificate of Conformity is required	Firmed	4/3/18	6 pcs	0 pcs	6 pcs	\$6.00/pcs	\$36.00
10	171485	RBE703A94-1130-01-33	Adjuster -Issue P/O to Groupe Altech; PO -Black oxide finish, MIL-C-13924C Class 1: MIL-C-16173 Grade 4 -Certificate of Conformity is required	Firmed	4/3/18	14 pcs	0 pcs	14 pcs	\$1.55844156/pcs	\$21.82
11	174804	RBE350A94-3700-C-03	Bolt -Issue P/O to Groupe Altech; PO -Black oxide finish, MIL-C-13924C Class 1 -Certificate of Conformity is required	Firmed	4/3/18	3 pcs	0 pcs	3 pcs	\$1.55844156/pcs	\$4.68
12	171734	RBT18520-7	Pivot Bar Weldment -Issue P/O to Groupe Altech; PO -Black oxide finish, MIL-C-13924C Class 1 -Certificate of Conformity is required	Firmed	4/3/18	6 pcs	0 pcs	6 pcs	\$1.55844156/pcs	\$9.35

Plex 3/26/18 11:09 AM dart.tsimiklis.chrisoula



Certificat de Conformité / Certificate of Compliance

(007845-1)

2455, Rue Halpern | Saint-Laurent | Québec | H4S 1N9
 Tel: 514-335-3666 Fax: 514-335-3868
 www.groupaltech.com

Bon de Livraison / Packing Slip

007845 - 1

Livré à / Ship to

DART AEROSPACE LTD
 1270 ABERDEEN STREET
 HAWKESBURY, ON, K6A1K7
 CANADA
 Tel.: 613-632-5200 Fax.:

Client / Customer:

DART AEROSPACE LTD
 1270 ABERDEEN STREET
 HAWKESBURY, ON, K6A1K7
 CANADA
 BUYER:

Date expédition Ship date		Créé Par Generated By	Transport / No de Compte Courier / Acc. No.	Bon de commande Client Customer Purchase Order No.				
27-Mar-2018		Aman		039417				
#Ligne Line#	No. de Série / # Pièce Part Number / Line Item Details Job # / Ref #	Description pièce(s)	CATG. U/M	Comm. /Ordered	Exp/ Shipped	Qté NC/ NC Qty	Qté Scrap/	A venir/ Back Order
4	RBE350A94-2706-00-09 Rev.	RBE350A94-2706-00-09 01 -OXIDE BLACK [OXIDE BLACK] MIL-C-13924C CLASS 1	OXIDE-BLACK CH	6	6	0	0	0
5	RBE350A94-2706-00-05 Rev.	RBE350A94-2706-00-05 01 -OXIDE BLACK [OXIDE BLACK] MIL-C-13924C CLASS 1	OXIDE-BLACK CH	6	6	0	0	0
6	RBE350A94-2706-00-07 Rev.	RBE350A94-2706-00-07 01 -OXIDE BLACK [OXIDE BLACK] MIL-C-13924C CLASS 1	OXIDE-BLACK CH	6	6	0	0	0
7	RBE350A94-2706-00-03 Rev.	RBE350A94-2706-00-03 01 -OXIDE BLACK [OXIDE BLACK] MIL-C-13924C CLASS 1	BLACK-OXIDE CH	12	12	0	0	0
8	RBE350A94-2706-00-01 Rev.	RBE350A94-2706-00-01 01 -OXIDE BLACK [OXIDE BLACK] MIL-C-13924C CLASS 1	OXIDE-BLACK CH	24	24	0	0	0
10	RBE703A94-1130-01-33 Rev.	RBE703A94-1130-01-33 BLACK OXIDE COATING: MIL-C-13924 CLASS 1 : MIL-C-16173, GRADE 4	BLACK-OXIDE CH	14	14	0	0	0
11	RBE350A94-3700-C-03 Rev.	RBE350A94-3700-C-03 BLACK OXIDE FINISH, MIL-C-13924C, CLASS 1	BLACK-OXIDE CH	3	3	0	0	0
12	RBT18520-7 Rev.	RBT18520-7 01 -OXIDE BLACK [OXIDE BLACK] MIL-C-13924C CLASS 1	OXIDE-BLACK CH	6	6	0	0	0

Notes Additionnelles / Additional Notes

Epaisseur réelle
Actual Thickness

Inspecteur Qualité
Quality Inspector

Réçu par
Received By

Nous certifions que les pièces énumérées ci-dessus ont été traitées en conformité avec votre commande et vos spécifications et rencontrent les exigences.
 Notre responsabilité financière et légale ne sera pas supérieure au montant de la facture issue.

We hereby certify that the parts listed above have been process in accordance with your purchase order and specifications and are in conformance with your requirements.
 Our financial and legal responsibility will not be higher than the amount of invoice.